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### REMARKS

Claims 1 to 5 and 21 to 28 have been withdrawn. Claims 29 to 34 have been added. The Applicant believes that the language of the new claims more clearly reflects the subject matter represented by the specification, for example the creation and maintenance of the data records represented in Figures 2 and 5, and which allow visualization of logical data links between nodes without having to treat channelized and unchannelized ports separately. No new subject matter has been added.

The Examiner has objected to claims 22 and 23 as being improperly dependent on a cancelled claim. Claims 22 and 23 have been withdrawn.

The Examiner has rejected claims 1 to 5, 21 to 23, 27, and 28 under 35 U.S.C. 102(e) as being anticipated by U.S. Application 2002/0165961 by Everdell *et al.* Claims 1 to 5, 21 to 23, 27, and 28 have been withdrawn. New claim 29 includes maintaining connectivity information between nodes in the form of a plurality of data link records, each data link record corresponding to one link and one port on one node, the data link records having the same structure for channelized and unchannelized port types and the same structure for port-port, port-channel, and channel-channel connection types. The Applicant submits that Everdell does not teach this element. Although the figures of the prior art as stored at the USPTO website are illegible, the Examiner appears to be referring to [0198] of the description of Everdell to equate the concatenated path with the unchannelized connection. This section of Everdell is directed to a "wizard" for setting up paths through a GUI, and does not appear to disclose connectivity information in the form of a plurality of data link records having the same structure regardless of port type or connection type.

Enclosed is a copy of Figures 5b and 5c of Everdell. The illegibility is the same in both the version downloaded from the USPTO website and the version downloaded from Delphion. Given the length of the Everdell reference and the illegibility of many of the drawings, if the Examiner objects to the new claims as being anticipated by Everdell the Examiner is kindly requested to be more specific as to where each of the elements of the new claims is taught by Everdell. It is hoped that the elements of the

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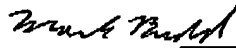
new claims are more clear than of the previous claims, so as to allow the Examiner to so identify the presence of the elements in the prior art.

The Examiner has rejected claims 24 to 26 under 35 U.S.C. 103(a) as being obvious in view of Everdell and U.S. Application 2004/0015309 by Swisher. Claims 24 to 26 have been withdrawn. Regarding the new claims, Swisher teaches a complex database mapping package for track every route, sub-route, and individual fiber in a network, namely the details of physical layer connectivity. The Applicant respectfully submits that Swisher does not teach maintaining connectivity information between nodes in the form of a plurality of data link records, each data link record corresponding to one link and one port on one node, the data link records having the same structure for channelized and unchannelized port types and the same structure for port-port, port-channel, and channel-channel connection types.

The Applicant respectfully submits that Everdell and Swisher do not teach every element of new claims 29, and that claim 29 and dependent claims 30 to 35 are therefore not anticipated by Everdell and not obvious in view of Everdell and Swisher.

In view of the foregoing, it is believed that the claims at present on file are in condition for allowance. Reconsideration and action to this end is respectfully requested.

Respectfully submitted,



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